BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

NO:BBMP/EE/YNK.D/EPMT-12/2019-20 Dt:08-11-2019

APPROVED TENDER SCHEDULE –'B'

Package-05

ne of Work :-"Improvements to roads drains and other developmental works in Maruthinagara ward l under SWM head in Chief Minister Nava Nagarothan grants of yelahanka division Package -05"

	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri.NARAHARI DASAPPA (BENAKA DEVELOPERS AND PROJECTS PRIVATE LIMITED FORMERLY KNOWN AS PRAJVAL PROPERTIES PRIVATE LIMITED)	
				Rate	Rate in Words
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 Page No.143. Item No.19.14	cum	2852.71	131.87	One Hundred ThirtyOne Paise EightySeven Only
2	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No. KBS 2.1 (a) I 2.3.5 page no 6	cum	5877.75	419.02	Four Hundred Nineteen Paise Two Only
3	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per sepecification .MORTH Specification NO.301KBS Page No.144 Item No.19.2	cum	496.25	37.84	ThirtySeven Paise EightyFour Only

For Benaka Developers And Projects Pvt. Ltd

NARAHARI D
Managing Director

	-1.7 : Providing and laying in plain cement concrete of Mix 1:3:6 PC @ 220kgs, with 20mm and down graded granite metal coarse gates @0.69 cum and fine egtes @ 0.56cum, machine mixed, crete laid in layers not exceeding cms. thick, well compacted, in undation, plinth and cills, including ost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No.13 Item No.4.7	cum	926.35	5908.92	Five Thousand Nine Hundred Eight Paise NinetyTwo Only
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Page No.270. Item No.37.59.1	cum	2082.94	7637.41	Seven Thousand Six Hundred ThirtySeven Paise FourtyOne Only
6	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT Bars Fe 500 Page No 229 Item No 28.8.2 SR 2018-19	Tonne	128.45	75943.33	SeventyFive Thousand Nine Hundred FourtyThree Paise ThirtyThree Only
7	Removing & Refixing of stone slabs of drains and pointing in C.M (1:3) page no-27. I. no-5.33	Sqm	2002.50	116.87	One Hundred Sixteen Paise EightySeven Only
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of chinery,loading ,unloading ,lead and lift, transportation etc ,copmplete. (Data Rate)	Sqm	5374.80	2453.85	Two Thousand Four Hundred FiftyThree Paise EightyFive Only

For Renaka Developers And Projects Pvt. Ltd.

NARAHARI D
Managing Director

	ing and Fixing pre cast covering 250mm thick made out of CC 1:2:4 jelly 20mm Down size with steel orcement including form k,curing,including cost of alll materials, our,hire charges of machinery, loading, nloading, lead and lift,transportation etc complete.As per Engineer incharge. (Data Rate)	Sqm	240.00	5688.90	Five Thousand Six Hundred EightyEight Paise Ninety Only
	Removing and resetting of kerb stones Page No.270. Item No.37.57	Nos	4420.88	110.19	One Hundred Ten Paise Nineteen
1	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Page	Nos	14581.32	454.10	Four Hundred FiftyFour Paise Ten Only
12	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page	sqm	3847.95	89.04	EightyNine Paise Four Only
13	KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and IS 456 Table-5 22.1.1 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor Page	Cum	1054.43	3990.11	Three Thousand Nine Hundred Ninety Paise Eleven Only

For Baraka D... Projects Pvt. Ltd.

Manag... Director

	ıcting un-reinforced, plain cement ıte for pavements using Grade ete M30 over a prepared base with coarse aggregate at 0.69 cum, fine regates at 0.46 cum,Coarse and fine gregate conforming to 18:383-2016, with uperplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and	Cum	1028.04	5471.51	Five Thousand Four Hundred SeventyOne Paise FiftyOne Only
15	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method byrotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. Page No.153. Item No.20.6	cum	1008.68	1947.75	One Thousand Nine Hundred FourtySeven Paise SeventyFive Only
16	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406. Page No. 155. Item No.20.18	cum	749.03	2101.34	Two Thousand One Hundred One Paise ThirtyFour Only

For Venkata Developers And Projects Pvt Ltd

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Managing Director

	3 M500-6. Providing and applying ; coat with S.S. bitumen emulsion on ared surface of granular base such as M including cleaning of road surface spraying primer at the rate of 0.60 kg / m using mechanical means complete as er specifications Clause 502 of MORTH V evision(P.No-158,I No-21.6)	sqm	4993.51	35.62	ThirtyFive Paise SixtyTwo Only
	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No.158. Item No.21.2	Sqm	17870.00	5.57	Five Paise FiftySeven Only
19	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507. Using 100/120 TPH capacity HMP with sensor paver Gr-II (50 mm to 75mm) with 4.5% VG-30 Bitumen. Page No.160. Item No.21.17.2	Cum	397.06	8001.36	Eight Thousand One Paise ThirtySix Only
20	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25 kg per sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No.158. Item No.21.7	Sqm	22256.00	13.36	Thirteen Paise ThirtySix Only

For Benaka Developers And Projects (P) Ltd.

NARASIMHARAJU D
Managing Director

	ng and laying bituminous ete 40mm thick with hot mix using crushed aggregates of ified grading, premixed with minous binder and filler, transporting e hot mix to work site, laying with a paver nisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP- 53-2015.do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade} and 0.43% of plastomeric thermoplastics (waste plastic) Page No. 171. Item No.21.78.12	Cum	890.24	9134.39	Nine Thousand One Hundred ThirtyFour Paise ThirtyNine Only
22	Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 em x 45 cm x 60 em, 60 cm below ground level as per approved drawing Page No.180. Item No.24.2	Nos	2030.50	144.69	One Hundred FourtyFour Paise SixtyNine Only
23	KSRRB M800- 5.2 Over Head Sign Board: Supply and installation of retro- reflection Over-Head Gantry sign boards made out of cube corner IRC:67:2012 specification and fixed over 4mm thick aluminium composite panel sheet having minimum 0.3mm thick aluminium skin on both sides excluding the cost of back support frame, vertical support and horizontal support and foundation. as directed by the engineer incharge of the work Page No.181. Item No.24.6	sqm	11.10	10601.33	Ten Thousand Six Hundred One Paise ThirtyThree Only

For Benaka Developers And Projects Pvt. Ltd

NARAHARI D
Managing Director

	5 M800-4. Direction and Place ication Signs / Project information d with size more than 0.9 sqm Size d:-Providing and erecting direction place identification retro- reflectorised n as per IRC:67 made of high tensity grade sheeting vide Clause 01.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 em, 60 em below ground level as per approved drawing. Page No 180 Item No 24.4	sqm	12.00	7945.71	Seven Thousand Nine Hundred FourtyFive Paise SeventyOne Only
25	KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page No.182. Item No.24.15	Sqm	1401.93	477.48	Four Hundred SeventySeven Paise FourtyEight Only
26	for Rain water harvesting work including 40mm jelly, 20mm jelly coarse sand, fine sand, 12.50 mm chips as per data rates	Nos	14.00	21926.10	TwentyOne Thousand Nine Hundred TwentySix Paise Ten Only
27	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Grave/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cos of earth, watering charges & compaction by vibratory roller to 97% of modified proctors density) MORTH Specification No. 305 Page No 147 Item no 19.62 SR 2018-19	cum	711.00	388.44	Three Hundred EightyEight Paise FourtyFour Only

For Benaka Developers And Projects

NARAHARI D
Managing Director

	ysical investigation of site for sinking ell for supplying drinking water to the ation either through the hand pump, S or P.W.S.S. by vertical electrical nding by adopting venner or nlumbergers's method, including connaissance survey of geological ormation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I.NO-9.4, PRED 12-13 SR)	Each	5.00	2168.25	Two Thousand One Hundred SixtyEight Paise TwentyFive Only
29	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) (P.NO-47, I.NO-9.1, PRED 12-13 SR) 0.00 to 50.00 Mtr.	Mtr	250.00	331.59	Three Hundred ThirtyOne Paise FiftyNine Only
	50.00 to 100.00 Mtr.	Mtr	250.00	433.23	Four Hundred ThirtyThree Paise TwentyThree Only
	100.00 to 150.00 Mtr.	Mtr	250.00	481.27	Four Hundred EightyOne Paise TwentySeven Only
	150.00 to 200.00 Mtr.	Mtr	250.00	508.31	Five Hundred Eight Paise ThirtyOne Only
	200.00 to 250.00 Mtr.	Mtr	250.00	588.34	Five Hundred EightyEight Paise ThirtyFour Only
	250.00 to 300.00 Mtr.	Mtr	250.00	630.51	Six Hundred Thirty Paise FiftyOne Only
	300.00 to 350.00 Mtr.	Mtr	250.00	653.10	Six Hundred FiftyThree Paise Ten Only

For Benaka Developers And Projects Pvt. Ltd.

	ying of ISI Mark 175 mm nominal medium black ERW casing pipe of thick black electric resistance inous welded midle steel tube material nfirming to IS 1387/1993 and anufactured from hot rolled steel kelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12-13 SR)	Rmt	250.00	1391.25	One Thousand Three Hundred NinetyOne Paise TwentyFive Only
	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)	Rmt	30.00	1155.00	One Thousand One Hundred FiftyFive Only
32	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)6	Each	5.00	105.00	One Hundred Five Only
33	supply of 175mm M.S collars each (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	35.00	157.50	One Hundred FiftySeven Paise Fifty Only
34	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15HP/11KW 25 stage (P.NO-XLII, I.NO-41, PWD SR-2018-19)	Nos	5.00	67186.25	SixtySeven Thousand One Hundred EightySix Paise TwentyFive Only
35	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (PWD SR-2018-19, P.No.92 I.no. 13.6)	Rmtr	1500.00	569.86	Five Hundred SixtyNine Paise EightySix Only
36	supply of 50mm M.S collars	Each	250.00	222.60	Two Hundred TwentyTwo Paise Sixty Only

For Renaka Developers And Proj...

HARAHARI D
Managing Director

	ing and drawing 3 core PVC hed submersible pump cable ufactured with electrolytic grade per with flexible copper conductor firming to table 3 class 5 of IS: 8130-84 and virgin grade PVC insulation and heathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-535, I.NO-30 (c), Group A BWSSB 13-14 SR)	Rmt	2700.00	172.50	One Hundred SeventyTwo Paise Fifty Only
	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	Nos	5.00	15540.00	Fifteen Thousand Five Hundred Fourty Only
39	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	110000.00	0.36	Paise ThirtySix Only
40	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No	5.00	1890.00	One Thousand Eight Hundred Ninety Only
41	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR-2018-19, P.NO.XXV, Sl.no, 647)	No	5.00	1067.80	One Thousand SixtySeven Paise Eighty Only

For Benaka Developers And Projects Pvt. Ltd.

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	ving and delivery of brand new best Gate Valve of size 50mm as per IS: 34 with latest amendments with ISI k . 50mm Gate Valve for distributer eline. 50mm dia (PWD SR-2018-19, NO.XXVI, Sl.no, 661)	No	10.00	1556.32	One Thousand Five Hundred FiftySix Paise ThirtyTwo Only
	roviding and fixing of 50mm GI Shortbend o motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No	9.00	243.75	Two Hundred FourtyThree Paise SeventyFive Only
4	Providing and fixing of 50mm GI union to the motor (PWD SR-2018-19, P.NO.XXXIX, G.I. Pipe Fittings - ISI Standards Table)	No	9.00	248.98	Two Hundred FourtyEight Paise NinetyEight Only
45	suppling & fixing of 50mm GI Elbow PWD SR 18-19 XXXIX	No	5.00	117.39	One Hundred Seventeen Paise ThirtyNine Only
46	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	L	250.00	95.17	NinetyFive Paise Seventeen Only
47	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No	5.00	498.75	Four Hundred NinetyEight Paise SeventyFive Only
48	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No	5.00	951.72	Nine Hundred FiftyOne Paise SeventyTwo Only
49	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	175.00	178.45	One Hundred SeventyEight Paise FourtyFive Only
50	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	Mtr	175.00	59.48	FiftyNine Paise FourtyEight Only
51	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	15.00	261.72	Two Hundred SixtyOne Paise SeventyTwo Only

For Rasan Revenues And Projects Pvt Ltd

NARAYANI D

	ng and fixing wiring earth electrode ounding conduits, IC cutouts and equipments on the meter board using n dia 2.90 mm thick GI pipe 2.5 mtr buried in a pit,/ the pit should be filled n equal proportion of salt and charocal 0 mm alround the pipe to complete epth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No	5.00	1784.48	One Thousand Seven Hundred EightyFour Paise FourtyEight Only
53	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No	5.00	285.52	Two Hundred EightyFive Paise FiftyTwo Only
54	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No	5.00	1417.50	One Thousand Four Hundred Seventeen Paise Fifty Only
55	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 94, I.NO - 13.79.6, PWD SR-2018-19)	No	5.00	816.94	Eight Hundred Sixteen Paise NinetyFour Only
56	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No	5.00	327.16	Three Hundred TwentySeven Paise Sixteen Only
57	Erection of pumping machineries PRE SR 12-13 pg 51/10.3.20	No	5.00	945.00	Nine Hundred FourtyFive Only
58	Bescom Deposit charges	L/S	5.00	13965.00	Thirteen Thousand Nine Hundred SixtyFive Only
59	Borewell registration charges per Rs 1000 each for BWSSB	Nos	5.00	1050.00	One Thousand Fifty Only

For Benaka Developers And Projects Pvt. Ltd

NARAHARI D
Managing Director

	2-2.2 : Earthwork excavation for ation of buildings, water supply, ary lines and electrical conduits either its or in trenches 1.5m and above in th, in ordinery soil not exceeding 1.5 m. depth including dressing the bottom and ides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5(Page No.5 , Item No.2.4,PW,P & IWTD SR 2018-19)	cum	459.00	332.79	Three Hundred ThirtyTwo Paise SeventyNine Only
61	KSRRB 13-9: Providing and fixing to wall ceiling and floor high density polyethylene pipes 6.00Kgf/sqm.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of materials, labour charges, HOM and testing complete as per Specifications. Specification No. KBS 13.2.15.2/13.9, KSRB 13-9.4 : -do-63mm dia (Page no.94, Item No.13.73.2)	Rmt	840.00	414.04	Four Hundred Fourteen Paise Four Only
62	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	cum	75.60	2101.34	Two Thousand One Hundred One Paise ThirtyFour Only
63	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications (Page No.6 Item No. 2.10)PW,P&IWTD SR 2018-19	Cum	459.00	223.71	Two Hundred TwentyThree Paise SeventyOne Only

For Benaka Developers And Projects Pvt. Ltd.

Signature of the Contractor

NARAHARI D
Managing Director

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.